

4-371-2G

Ground Level: 846.0ft
Datum: Original KB @ 860.00ft (default)
API No.: 0402958291

Wellbore: ORIGINALHOLE
PBMD: 6,800.0ft
Btm TMD: 8,150.0ft
Spud Date: 11/28/1978 00:00
BH Coord X: 6,154,801.30uss ft
BH Coord Y: 2,286,313.30uss ft

Casing Shoes (ft)	Schematic (5/7/2008)	Openings Top/Btm/Type/Status
54.0 325.0	<p>Sfc Csg TOC: sfc</p>	Tulare Zone Deemed An Exempt Aquifer By EPA
3,202.2		2,400.0ft, 2,408.0ft, PERFORATED, OPEN
		Top of Injection Zone B-SAND 7258'
		6,878.0ft, 6,903.0ft, PERFORATED, ISOLATED
		6,912.0ft, 6,928.0ft, PERFORATED, ISOLATED
		6,942.0ft, 6,962.0ft, PERFORATED, ISOLATED
		7,015.0ft, 7,025.0ft, PERFORATED, ISOLATED
		7,141.0ft, 7,145.0ft, PERFORATED, ISOLATED
		7,201.0ft, 7,212.0ft, PERFORATED, ISOLATED
		7,233.0ft, 7,241.0ft, PERFORATED, ISOLATED
		7,246.0ft, 7,258.0ft, PERFORATED, ISOLATED
		7,311.0ft, 7,317.0ft, PERFORATED, ISOLATED
		7,323.0ft, 7,329.0ft, PERFORATED, ISOLATED
		7,334.0ft, 7,347.0ft, PERFORATED, ISOLATED
		7,360.0ft, 7,364.0ft, PERFORATED, ISOLATED
		7,373.0ft, 7,379.0ft, PERFORATED, ISOLATED
		7,385.0ft, 7,393.0ft, PERFORATED, ISOLATED
		7,443.0ft, 7,470.0ft, PERFORATED, ISOLATED
		7,443.1ft, 7,485.1ft, PERFORATED, ISOLATED
		7,470.0ft, 7,485.0ft, PERFORATED, ISOLATED
		7,509.0ft, 7,530.0ft, PERFORATED, ISOLATED
		7,510.1ft, 7,530.1ft, PERFORATED, ISOLATED
		7,555.0ft, 7,605.0ft, PERFORATED, ISOLATED
		7,555.1ft, 7,605.1ft, PERFORATED, ISOLATED
		7,628.0ft, 7,652.0ft, PERFORATED, ISOLATED
		7,628.1ft, 7,652.1ft, PERFORATED, ISOLATED
		7,676.0ft, 7,712.0ft, PERFORATED, ISOLATED
		7,676.1ft, 7,712.1ft, PERFORATED, ISOLATED
		7,785.0ft, 7,797.0ft, PERFORATED, SQUEEZED
		7,797.0ft, 7,830.0ft, PERFORATED, ISOLATED
		7,855.0ft, 7,883.0ft, PERFORATED, ISOLATED
		7,908.0ft, 7,970.0ft, PERFORATED, ISOLATED
8,146.2	TMD 8150'	7,995.0ft, 8,010.0ft, PERFORATED, ISOLATED

PLUG BACK Report Date: 1/15/2008 00:00		
Component	Top MD (ft)	Btm MD (ft)
BP-DR	6,800.0	6,802.5
PLUG BACK Report Date: 6/22/2004 00:00		
Component	Top MD (ft)	Btm MD (ft)
BP-RET	7,355.0	7,358.5
PLUG BACK Report Date: 6/2/2004 00:00		
Component	Top MD (ft)	Btm MD (ft)
BP-DR	7,435.0	7,437.6
PLUG BACK Report Date: 1/1/1979 00:00		
Component	Top MD (ft)	Btm MD (ft)
CEMENT	8,102.0	8,146.0
PLUG BACK Report Date: 12/30/1978 00:00		
Component	Top MD (ft)	Btm MD (ft)
CEMENT	8,146.0	8,150.0

CONDUCTOR CASING Report Date: 3/2/1978 00:00					
Item	OD (in)	Grade	Wt. (ppf)	TopMD (ft)	BtmMD (ft)
CASING JOINT(S)	20.000			14.0	54.0
SURFACE CASING Report Date: 11/29/1978 00:00					
Item	OD (in)	Grade	Wt. (ppf)	TopMD (ft)	BtmMD (ft)
CASING JOINT(S)	13.375	H-40	48.00	14.0	324.0
GUIDE SHOE	13.375			324.0	325.0
INTERMEDIATE CASING Report Date: 12/3/1978 00:00					
Item	OD (in)	Grade	Wt. (ppf)	TopMD (ft)	BtmMD (ft)
CASING JOINT(S)	9.625	N-80	40.00	14.0	3,201.0
GUIDE SHOE	9.625			3,201.0	3,202.2
PRODUCTION CASING Report Date: 12/30/1978 00:00					
Item	OD (in)	Grade	Wt. (ppf)	TopMD (ft)	BtmMD (ft)
CASING JOINT(S)	7.000	K-55	26.00	14.0	78.8
CASING JOINT(S)	7.000	K-55	23.00	78.8	5,296.9
CASING JOINT(S)	7.000	K-55	26.00	5,296.9	6,691.7
FLAG JOINT	7.000	K-55	26.00	6,691.7	6,709.6
CASING JOINT(S)	7.000	K-55	26.00	6,709.6	8,102.4
FLOAT COLLAR	7.000		26.00	8,102.4	8,103.8
CASING JOINT(S)	7.000	K-55	26.00	8,103.8	8,143.9
FLOAT SHOE	7.000		26.00	8,143.9	8,146.0

Well: 4-371-2G S/T/R: 2G/31S/24E

CASING CEMENT DETAIL

Sfc Csg. Cmt Vol: 361 cf
Hole Size: 17-1/2"
Casing Size: 13-3/8"
Top Job: NO
Rtns to Sfc: YES (20 cf)
TOC: Surface

Interm Csg. Cmt Vol: 2030 cf
Hole Size: 12-1/4"
Casing Size: 9-5/8"
Top Job: NO
Rtns to Sfc: YES (35 cf)
TOC: Surface

Prod. Csg. Cmt Vol: 2690 cf
Hole Size: 8-3/4"
Casing Size: 7"
Top Job: NO
Rtns to Sfc: NO
TTOC: Surface

Liner Cmt Vol: None
Hole Size:
Casing Size:
Top Job:
Rtns to Sfc:
TTOC:

Top of Formation:
B-Sand 7258'

Volume Behind Pipe:
1.3 Yield Assumed
Theoretical Calculations (TTOC)
DWN April 2011